

Polynomials and Exponents



Name	C	ass	Date
1	What is $3x^8 \cdot 9x^0$? A $27x^9$ B $27x^8$ C $12x^9$ D $12x^8$	Multiply the method the trinomial: $5x(x^2 + 3x - 4x^3 + 15x - 4x^2 + 15x - 4x^3 + 15x^2 - 4x^3 + 15x^2 - 4x^3 + 3x^2 - 4x^3 + 3x^2 - 4x^3 + 3x^3 + 3x^3 - 4x^3 + 3x^3 +$	2) 10 10 10x
3	Multiply the monomial by the polynomial: $x^{3}(x^{4} + 2x^{2} - 6x - 4)$	VVU	ne FOIL method:
5		ABC	
7	Please <u>Sign In</u> or <u>Sign Up</u> to download the printable version of this worksheet		
	C 5.49 x 10 ⁻⁵ D 5.49 x 10 ⁻⁴	A true B false	
9	What is (2.5 x 10 ³)(0.3 x 10 ⁷) in correct scientific notation? A .75 x 10 ¹⁰ B 7.5 x 10 ¹¹ C 7.5 x 10 ⁹ D 7.5 x 10 ¹⁰	What is (3.6 x in correct scien) A 4.32 x 10 ⁻¹⁰ B 4.32 x 10 ³ C 4.32 x 10 ⁷ D 4.32 x 10 ¹⁰	10 ⁻²)(1.2 x 10 ⁵) tific notation?



Polynomials and Exponents



Name	C	Class	_ Date
1	What is $3x^8 \cdot 9x^0$? A $27x^9$ B $27x^8$ C $12x^9$ D $12x^8$	Multiply the monomiathe trinomial: $5x(x^2 + 3x - 2)$ A $5x^3 + 15x - 10$ B $5x^2 + 15x - 10$ C $5x^3 + 15x^2 - 10x$ D $5x^3 + 3x^2 - 10x$	al by
3	Multiply the monomial by the polynomial: $x^{3}(x^{4} + 2x^{2} - 6x - 4)$	Multiply using the FO $(2x+6)(4x+1)$ $\triangle 6x^2 + 24x + 6$	IL method:
5	PRE	/IEW	D
7	Please <u>Sign In</u> or <u>S</u> the printable version C 5.49 x 10 ⁻⁵ D 5.49 x 10 ⁻⁴		
9	What is (2.5 x 10 ³)(0.3 x 10 ⁷) in correct scientific notation? A .75 x 10 ¹⁰ B 7.5 x 10 ¹¹ C 7.5 x 10 ⁹ D 7.5 x 10 ¹⁰	What is (3.6 x 10 ⁻²)(in correct scientific n A 4.32 x 10 ⁻¹⁰ B 4.32 x 10 ³ C 4.32 x 10 ⁷ D 4.32 x 10 ¹⁰	1.2 x 10 ⁵) otation? B